

XP-002259512

AN - 2002-150810 [20]

AP - JP20000063077 20000308

CPY - TORA

DC - A23 A26 A89 G06 L03 P84 U11

FS - CPI;GMPI;EPI

IC - C08G73/22 ; C08K5/41 ; C08L79/04 ; G03F7/022 ; G03F7/037 ; H01L21/027 ;  
H01L21/312

MC - A05-J02 A08-M08 A12-E07C A12-L02B2 G06-D06 G06-F03C G06-F03D L04-C05  
L04-C12E

- U11-C06A1A

PA - (TORA ) TORAY IND INC

PN - JP2001249452 A 20010914 DW200220 G03F7/037 014pp

PR - JP20000063077 20000308

XA - C2002-047003

XIC - C08G-073/22 ; C08K-005/41 ; C08L-079/04 ; G03F-007/022 ; G03F-007/037 ;  
H01L-021/027 ; H01L-021/312

XP - N2002-114477

AB - JP2001249452 NOVELTY - Polybenzoxazole precursor comprises a polyamide  
capable of converting to polybenzoxazole.

- DETAILED DESCRIPTION - Polybenzoxazole precursor comprises a polyamido  
structure of formula (I).

- An INDEPENDENT CLAIM is also included for a positive mode  
light-sensitive composite that contains the polybenzoxazole and an  
o-quinone-naphthodiazide.

- R1 = bivalent biphenylene;

- R2 = trivalent to hexavalent organic group;

- n = 10-100,000; and

- p = 1-4.

- USE - The composite is used for interlayers/protective layers of  
integral circuit plates and LSIs, and protective parts for other  
electronic devices.

- ADVANTAGE - The composite has good resistance to solvents, and good  
alkaline develop ability, providing precise pattern forming  
capability.

- (Dwg.0/0)

IW - PRECURSOR POSITIVE MODE LIGHT SENSITIVE COMPOSITE COMPRISE POLYAMIDE  
CAPABLE CONVERT

IKW - PRECURSOR POSITIVE MODE LIGHT SENSITIVE COMPOSITE COMPRISE POLYAMIDE  
CAPABLE CONVERT

NC - 001

OPD - 2000-03-08

ORD - 2001-09-14

PAW - (TORA ) TORAY IND INC

TI - Polybenzoxazole precursor, used for a positive mode light sensitiv  
composite, comprises a polyamide capable of converting to  
polybenzoxaz le

A01 - [001] 018 ; P0806 H0293 D01 D22 D41 D42 F15 F34 ; P0077 ; H0293 ;

K0722 : M0000 M2005 B